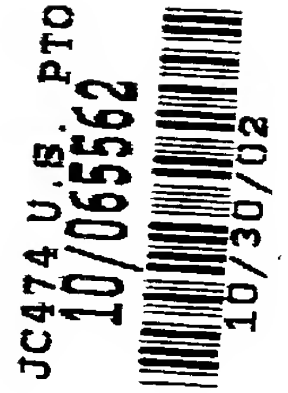


$\frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) \delta(x-a) dx = f(a)$

[illegible]

# TRANSMITTAL FORM



Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility Patent  
Filing

Attorney Docket  
Number:

LILS  
184

## Counter-Flow Heat Exchanger for Ceramic Gas Generator

First Named Inventor: Sammy K. Mickelson

### SUBMITTED BY

Name:	Mr. Thomas F. Marsteller Jr.
Registration Number:	29,672
Electronic Signature Mark: /T F Marsteller/	Date Signed: 20021030

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

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### Attached Files:

declaration	Declar01.tif
declaration	Declar02.tif
specification	LILS184NP.xml
bibd-transmittal	LILS184NPapds.xml

[illegible]

fee-transmittal  
patent-assignments

LILS184NPfee.xml  
LILS184NPasgn.xml

**Attached Image File(s):**

Declar01.tif

Declar02.tif

**Comments:**

Approved for use through 10/31/2002. OMB 0651-0032

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<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>		<b>Attorney Docket Number</b>		LILS 184
		<b>First Named Inventor</b>		Mickelson, Sammy K.
		<b>COMPLETE IF KNOWN</b>		
		<b>Application Number</b>	60 / 319491	
<input checked="checked" type="checkbox"/> Declaration Submitted with Initial Filing         OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)		<b>Filing Date</b>	26 AUGUST 2002.	
		<b>Art Unit</b>		
		<b>Examiner Name</b>		

**As the below named inventor, I hereby declare that:**

**My residence, mailing address, and citizenship are as stated below next to my name.**

**I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:**

## Counter-Flow Heat Exchanger for Ceramic Gas Generator

**(Title of the Invention)**

the specification of which

☒ is attached hereto

**OR**

**X** was filed on (MM/DD/YYYY)

08/26/2002

as United States Application Number or PCT International

Application Number

60/319491

and was amended on (MM/DD/YYYY)

(If applicable).

**I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.**

**I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.**

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>


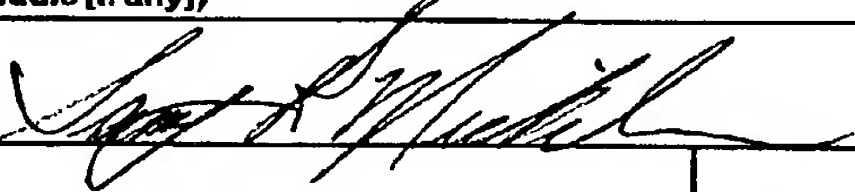
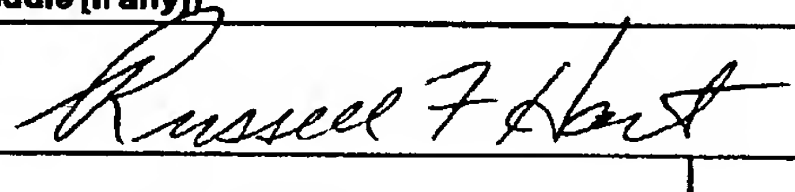
☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

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## DECLARATION <sup>3/4</sup> Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number or Bar Code Label				OR <input type="checkbox"/> Correspondence address below	
30640					
Name					
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City		State		ZIP	
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<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>					
NAME OF SOLE OR FIRST INVENTOR :			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name Sammy K. (first and middle (if any))			Family Name Mickelson or Surname		
Inventor's Signature 			Date 10/24/02		
Residence: City Bettendorf		State IA		Country US	
City Davenport		State IA		Country US	
Mailing Address 2734 Hickory Grove Road		ZIP 52804		Country US	
NAME OF SECOND INVENTOR:			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name Russell F. (first and middle (if any))			Family Name Hart or Surname		
Inventor's Signature 			Date 10/24/02		
Residence: City Blue Grass		State IA		Country US	
City Davenport		State IA		Country US	
Mailing Address 2734 Hickory Grove Road		ZIP 52804		Country US	
<input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.					

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 780**

## BANK (CREDIT) CARD INFORMATION:

Credit Card Number: 4647  
 Expiration Date: 20030430  
 Authorized Name: Thomas F. Marsteller Jr.  
 Billing Address: 75380-3302

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	1001	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 14	1202	\$ 18	0	\$ 0
Independent Claims: 2	1201	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

## ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	8021	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40